

# Rural District of Warwick

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## ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1968

BY

D. LIVINGSTONE, M.B., D.P.H.,

MEDICAL OFFICER OF HEALTH

OF THE

# Warwickshire Combined Districts

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Leamington Spa

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1969



1, EUSTON SQUARE,  
LEAMINGTON SPA

June 5th, 1969

**To the Council of the Rural District of  
WARWICK**

MR CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to make to you the Annual Report for 1968 concerning the health of your district. The health statistics of the district were once more satisfactory. The population has grown; birth rate remains closely comparable to the national rate whereas the death rate is much lower.

The addition of more than 400 houses made it necessary to supplement the four regular refuse collection routes by a fifth vehicle and crew operating on three days per week. Labour is still not easy to recruit for this work and, in times when epidemic sickness prevails, the service inevitably falls behind schedule. When arrears occur for this reason or after public holidays, the public do not help in restoring the service to normal since too many people keep bins in inaccessible positions or cram them to overflowing with material which they could easily burn.

In the housing field there has been a marked drop in applications for improvement grants. Your sewerage scheme at Norton Lindsey has been the subject of unfortunate difficulty of a technical nature.

I cannot end without a reference to the retirement of Mr. E. A. Lyne who has for many years been your surveyor and senior health inspector. The quality of the services built up and maintained during a period of rapid expansion will of itself testify to the value of his work for the district. Throughout my time here I have valued both his wise advice and his friendship and wish him a long and happy retirement.

It is my pleasant duty once more to thank both members and officers of this Council who have done so much to assist and encourage me.

I am,

Your obedient servant,

D. LIVINGSTONE,

Medical Officer of Health.

# Warwick Rural District.

## A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Population (estimated) Mid-year, 1968	...	...	25,480
Area of district	...	...	55,896 acres
Product of penny rate	...	...	£3,660
Total number of permanent dwellinghouses and flats	...	...	7,353
Birth Rate per 1,000 population (Crude)	...	...	17.8
Birth Rate per 1,000 population (Corrected)	...	...	16.6
Still Birth Rate—Rate per 1,000 total births	...	...	17.0
Death Rate per 1,000 population (Crude)	...	...	12.0
Death Rate per 1,000 population (Corrected)	...	...	9.0
Death Rate of Infants under 1 year of age:—			
All Infants per 1,000 live births	...	...	11.0
Legitimate Infants per 1,000 legitimate live births	...	...	11.3
Illegitimate Infants per 1,000 illegitimate live births	...	...	—

*Population.*—The population rose by 810 but the excess of births over deaths was only 151 and natural increase was therefore not the main factor.

Details of statistics for the past few years are given in Table II.

## B. GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

*Medical Officer of Health.*

F. D. M. LIVINGSTONE, M.B., B.Chir.,  
M.R.C.P., D.P.H.

*Deputy Medical Officer of Health.*

M. V. RICHARDS, M.B., Ch.B., D.C.H., D.P.H.

*Public Health Officers.*

*Senior Public Health Inspector.*

E. ARTHUR LYNE, Cert. Public Health Inspector, Cert. Inspector of Meat and Other Foods.

*Deputy Senior Public Health Inspector.*

W. E. QUALTROUGH, Cert. Public Health Inspector. Cert. Inspector of Meat and Other Foods. Cert. Smoke Inspector.



*Additional Public Health Inspector:*

R. D. HAMMOND, Cert. Public Health Inspector  
Cert. Inspector of Meat and Other Foods.

*Pupil Public Health Inspector:*

B. P. STANDBRIDGE

*Clerks:*

Mrs. E. C. RAINFORD.

\*S. BUCKLEY

\*Miss B. GIBBONS WARD.

\* (Members of L.H.A. Clerical Staff with part-time allocated to services of Joint Sanitary Committee, M.O.H.'s office).

### C. SANITARY CIRCUMSTANCES OF AREA

*Water.*—The water supply is provided by the South Warwickshire Water Board. The supplies have sufficed in quantity and quality and are not plumbo-solvent.

The Board's own Joint Laboratory service based in Rugby allowed regular analyses to be made. Supplies were chlorinated as necessary.

Ten houses within your district are supplied by stand-pipes and of these 9 are within the supply area of South Warwickshire Water Board. The 9 houses are inhabited by a total of 20 persons.

### WATER ANALYSIS

Results expressed in parts per 1,000,000

Received on 9th May, 1969.

From: South Warwickshire Water Board.

<i>Location</i>	<i>Whitnash (Raw)</i>	<i>Leek Wootton (Treated)</i>	<i>Haseley (Chlor.)</i>	<i>Budbrooke (Raw)</i>	<i>Rowington (Chlor.)</i>	<i>Shrewley (Chlor.)</i>
Total Hardness ...	450	290	306	187	138	147
Alkali (as CaCO <sub>3</sub> ) ...	244	231	217	120	124	110
Chlorine ...	42	23	29	140	18	17.5
Fluoride ...	—	1.00	0.22	0.10	0.10	0.10
Iron (Fe) ...	Trace	0.16	0.08	0.13	0.05	0.04
Manganese (Mn) ...	Trace	0.02	0.01	0.03	0.01	0.02
Free Ammonia ...	0.06	—	—	—	—	—
Date (1968) ...	26/xi	3/xii	3/xii	3/xii	3/xii	3/xii
Ref. No. B ...	814	837	839	840	841	843

All results are expressed in parts per million.

The number of houses within the District supplied by the South Warwickshire Board's public mains direct is 7,400. The population served is 22,137.

## D. HOUSING

The erection of new Council houses continued during 1968 though not on the same scale as in the previous year. 10 units of accommodation (4 of which were for the elderly) were provided at Baddesley Clinton and at Cubbington 13 houses were built. These form part of a group of 30 which are planned on the former 1919 Scheme site. The new development necessitated the demolition of the 12 Council houses on the site.

The demolition of houses in Clearance Areas and under Demolition Orders has continued and 14 were demolished in 1968.

Houses represented as being unfit were dealt with as shown below:

	1967	1968
1. (a) <i>Individual Houses</i>		
Subject to Demolition Orders ... ..	2	2
Subject to Closing Orders	6	1
Unfit houses made fit	0	5
(b) Clearance Orders made ...	1	0
Clearance Orders confirmed	1	1
(c) <i>Certificates of Disrepair</i>		
Application made ...	0	0
Applications for can- cellation ... ..	0	0

2. *Overcrowding*.—No case of overcrowding was reported.

3. The following table shows the number of houses built by the Council up to the 31st December 1968.

	<i>T.</i>	<i>S.</i>	<i>P.</i>	<i>Total</i>
Baddesley Clinton	—	—	24	24
Baginton ... ..	—	—	44	44
Barford ... ..	—	—	80	80
Beausale ... ..	—	2	12	14
Bubbenhall ... ..	—	—	32	32
Cubbington ... ..	10	—	206	216
Hatton ... ..	—	—	32	32
Lapworth ... ..	—	2	66	68
Leek Wootton ... ..	—	—	24	24
Radford Semele ... ..	10	4	116	130
Rowington ... ..	—	—	40	40
Shrewley ... ..	—	2	14	16
Stoneleigh ... ..	—	2	36	38
Tachbrook ... ..	9	—	138	147
Weston-u-Wetherley	—	—	39	39
Whitnash ... ..	8	—	110	118
Totals ... ..	37	12	1013	1062

*T.* Temporary.      *S.* Swedish.      *P.* Permanent.

4. *Common Lodging Houses*.—There are none within the district.

## E. INSPECTION AND SUPERVISION OF FOOD

1.—The County Medical Officer of Health has supplied information concerning routine samples taken for biological examination and keeping quality as set out in sub-paragraphs (a) and (b).

(a) *Food and Drugs Act 1955, Section 31.*

9 samples of milk taken. All results negative for tubercle bacilli but two samples from different herds were positive to *Brucella abortus*.

(b) *Milk (Special Designation) Regulations.*

<i>Designation of Milk</i>	<i>No. of Samples</i>	<i>Tests Failed</i>		
		<i>Meth. Blue</i>	<i>Phosphatase</i>	<i>Turbidity</i>
Untreated	4	0	—	—
Pasteurised	74	0	0	—
Sterilised	2	—	—	0

2. *Ice Cream*.—Two premises were registered for the storage and sale of ice cream.

3. *Meat Inspection*.—Early in 1968 slaughtering ceased at the Central Hospital slaughterhouse and this is reflected in a considerable decrease in the number of animals slaughtered during the year—514 as compared with 796 for 1967. Only one private slaughterhouse remains in the District. The accompanying table gives details of the carcasses inspected and condemned.

4. *Poultry Processing Premises*.—There are no such premises within the District.

5. *Unsound Food*.—A pork pie purchased at a shop within the District was found to be affected with mould and on investigating it was revealed that the pie had inadvertently been stored for too long a period of time, although kept under approved storage conditions. No formal action was taken by the Council but the attention of the shopkeeper was drawn to the necessity for not keeping pies longer than their recommended “life”.



# MEAT INSPECTION

## Carcases and Offal inspected and condemned in whole or part

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed ... ..	30	59	Nil	297	128	Nil
Number inspected ... ..	30	59	Nil	297	128	Nil
<i>All diseases except Tuberculosis and Cysticerci:</i>						
Whole carcases condemned ... ..	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned ... ..	Nil	23	Nil	8	1	Nil
Percentage of the number inspected affected with disease other than Tuberculosis or Cysticerci ... ..	Nil	39%	Nil	3.03%	0.78%	Nil
<i>Tuberculosis only :</i>						
Whole carcases condemned ... ..	Nil	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned ... ..	Nil	Nil	Nil	Nil	4	Nil
Percentage of number inspected affected by Tuberculosis ... ..	Nil	Nil	Nil	Nil	3.12%	Nil
<i>Cysticercosis :</i>						
Carcases of which some part or organ was condemned ... ..	Nil	Nil	Nil	Nil	Nil	Nil
Carcases submitted to treatment by refrigeration ... ..	Nil	Nil	Nil	Nil	Nil	Nil
Generalised and totally condemned ... ..	Nil	Nil	Nil	Nil	Nil	Nil

## F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE

### *Incidence of Major Infectious Diseases since 1960*

		Dysentery	Food Poisoning	Scarlet Fever	Enteric Fever	Pneumonia	Anterior Poliomyelitis	Whooping Cough
1961	...	14	12	3	—	12	—	30
1962	...	16	5	5	—	8	—	3
1963	...	57	21	16	—	5	—	11
1964	...	13	20	6	—	18	—	9
1965	...	30	2	5	—	2	—	1
1966	...	24	5	1	—	2	—	23
1967	...	14	—	10	—	4	—	1
1968	...	2	—	6	—	5	—	16

Reference to Table III will give the age distribution of the cases notified during 1968.

Apart from measles there was no prevalence of a single disease except whooping cough. Mass vaccination is now available for measles as well as whooping cough.

## TUBERCULOSIS

This year there were 5 new notifications and 1 deaths.

The following table shows the past incidence of Tuberculosis in the Warwick Rural District :—

		1949	1950	1951	1952	1953	1954	1955
Cases	...	26	26	28	28	30	33	46
Deaths	...	6	2	3	1	5	7	5
		1956	1957	1958	1959	1960	1961	1962
Cases	...	55	25	22	26	20	14	9
Deaths	...	7	5	1	1	2	1	1
		1963	1964	1965	1966	1967	1968	
Cases	...	11	11	5	3	6	5	
Deaths	...	4	—	—	2	3	1	

Age Periods	New Cases				Transfers into District				Deaths			
	Pul- monary		Non- Pul.		Pul- monary		Non- Pul.		Pul- monary		Non- Pul.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—	—	—	—	—
1-5	—	—	—	—	—	—	—	—	—	—	—	—
5-10	—	—	—	—	—	—	—	—	—	—	—	—
10-15	—	—	—	—	—	—	—	—	—	—	—	—
15-20	—	—	—	—	—	—	—	—	—	—	—	—
20-25	—	—	—	—	—	—	—	—	—	—	—	—
25-35	1	—	—	—	—	1	—	—	—	—	—	—
35-45	—	—	1	—	—	—	—	—	—	—	—	—
45-55	1	—	1	—	1	1	—	—	—	—	—	—
55-65	1	—	—	—	—	—	—	—	1	—	—	—
65 & upwards	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	2	—	1	2	—	—	1	—	—	—

B.C.G. vaccine may be given to:—

(i) *School Leavers.*

Children in their 13th year are offered vaccination if negative reactors to a skin test (Heaf test).

(ii) *Special risk workers.*

e.g. medical students, hospital nurses, etc.

The local health authority includes the figures for rural district residents inoculated within the central area total. Work done at High or Grammar Schools within your district was as follows:—

(A)	Skin Tests (Heaf)	...	...	187
(B)	Number positive	...	...	19
(C)	Negative reactors vaccinated			
	B.C.G.	...	...	161
(D)	Absent for reading of test	...		2
(E)	Further investigation of chest	...		1

## APPENDIX FOR 1967

### FACTORIES ACT, 1961

#### *Prescribed Particulars on the Administration of the Factories Act, 1961*

#### Part I of the Act

1.—INSPECTIONS for purposes of provisions as to health  
(including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .....	Nil	Nil	Nil	Nil
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .....	41	53	1	Nil
(iii) Other Premises in which Section 7 is en- forced by the Local Authority (excluding out-workers' premises) .....	8	2	Nil	Nil
Total .....	49	55	1	—

2.—Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1) .....	—	—	—	—	—
Overcrowding (S.2) .....	—	—	—	—	—
Unreasonable temperature (S.3) .....	—	—	—	—	—
Inadequate ventilation (S.4) .....	—	—	—	—	—
Ineffective drainage of floors (S.6) .....	—	—	—	—	—
Sanitary Conveniences (S.7):					
(a) Insufficient .....	—	—	—	—	—
(b) Unsuitable or defective .....	10	4	—	—	—
(c) Not separate for sexes .....	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) .....	—	—	—	—	—
Total .....	10	4	—	—	—



**Part VIII of the Act**  
**Outwork**  
**(Sections 133 and 134)**

NIL Return.

**NATIONAL ASSISTANCE ACTS, 1948 AND 1951**

Section 47 of the 1948 Act provides that where persons—

- (a) are suffering from grave chronic disease or, being aged, infirm or physically incapacitated are living in insanitary conditions and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention, and the Medical Officer of Health gives a written certificate in the prescribed form, the local authority may apply to a court, having jurisdiction, for an order to remove the person to a suitable and convenient place e.g. hospital. Seven days clear notice must be given of the intended application to the person concerned and also to the person managing the premises or institution. An order, if granted, may authorise a person's detention for a period not exceeding three months in the place specified therein and is in certain circumstances renewable.

The 1951 Amendment Act provides for emergency applications to a magistrate upon a joint certificate of two doctors and detention limited to 21 days.

*Case 1. Mrs. E— M— (82).* Early in January 1968 this lady's doctor had reported that she was deaf and incontinent and unable to climb stairs. She lived alone but received visits from some of her children. It was at first proposed to rehouse her in an old person's bungalow in another parish so as to live close to a married daughter. However, before one became vacant, her sight and physical condition further deteriorated so that it was impossible to move her somewhere where she would again live alone. Authority was given to the Clerk, to apply to the petty sessional court for a detention order, by the specially convened public health committee on 8th January 1968. After she had been taken to hospital a son, who lived in another county, appeared and offered to take his mother to live with him. This offer was accepted and her council tenancy was thereupon surrendered.

*Case 2. Mrs. H—. (90).* This old lady was first referred in 1967 by her family doctor who found her, following an illness, to be weak, giddy and infested by fleas. She lived in a dilapidated cottage with no electricity or drainage and was herself in a dirty condition. After the Council had authorized an application to Court, her condition somewhat improved and it was decided not to take official action then but leave her under supervision by the Area Welfare Officer.

# REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

## **To the Council of the Rural District of Warwick**

MR. CHAIRMAN, LADIES AND GENTLEMAN

I have pleasure in submitting the Annual Report for 1968.

As the year drew to a close so too did the career of one who gave long and faithful service—more than 33 years—to this Council. I refer to Mr. E. A. Lyne, Engineer, Surveyor and Senior Public Health Inspector.

Mr. Lyne was appointed a Sanitary Inspector with the Warwick Rural District Council in 1935 when the population was 14,050 and the product of a penny rate realised £340. Although the area of the District has remained substantially the same, the population has nearly doubled in the intervening years—today it stands at 26,290. A penny rate produces approximately £4,200 now. It is interesting to recall the services which were provided in those days. As far as refuse collection went, only 8 out of the 31 parishes had a service and this was by private contractor, but in 1936 the Council purchased its own vehicle and a cleansing service by direct labour commenced.

A public water supply was available in only parts of 9 parishes, many people relied on wells and other private sources of supply. Much time and effort was devoted to ensuring the wholesomeness of such supplies.

Housing conditions in 1935 left much to be desired and following a survey, within the District, the Council embarked upon a slum clearance and re-housing programme which has continued, apart from the war years, to this day. At that time the Council owned 68 houses whereas today the figure is 1,062.

Infectious diseases among children still gave cause for concern and in 1935 7 schools were closed because of outbreaks of measles and chickenpox and 8 cases of diphtheria were notified. Looking back over the years one can see the progress which has undoubtedly been made in environmental health and it is hoped will continue to be made in the future for much yet remains to be done.

In conclusion I should like to thank Mr. J. N. Gerrard, Surveyor, who has supplied the information in that part of

the report which deals with sewerage schemes and refuse collection.

I remain,

Yours faithfully,

W. E. QUALTROUGH,

Senior Public Health Inspector.

## SEWERAGE AND SEWAGE DISPOSAL

### 1. GENERAL

Main drainage within the District has advanced in the Hampton-on-the-Hill and Norton Lindsey areas with the continuance of the Council's Contract No. 17, although in neither parish has it yet been possible to connect properties to the sewers. Otherwise throughout the District design work has continued on new schemes or amendments to the existing schemes.

A considerable amount of design work has been carried out in the Surveyor's Department although little construction has been achieved.

Consultants and Departmental Schemes are separately shown as follows:—

2. The Council's Consultants, Messrs. J. D. & D. M. Watson, M.M.I.C.E., have been responsible for the following foul sewage projects lettered (a) to (e) in this paragraph.

(a) *The Baddesley Clinton and Chadwick End Sewerage Scheme.*

This scheme which was substantially complete on 23rd April 1967 still requires a number of contractual minor defects to be made good. The final bill for the project is not yet written.

It will be remembered that the Scheme was designed to cater ultimately for 525 persons from the Warwick and Meriden R.D.C's and for sewage to be pumped for processing to this Council's Lapworth S.D. Works. The scheme has permitted the demolition of the small Housing Sewage Disposal Works previously serving 14 Council properties on Rising Lane, the transfer of sewage from the properties into the new drainage scheme, and the connection of a further 10 Council houses on Rising Lane completed in 1968.

(b) *Bubbenhall Sewerage and Sewage Disposal.*

The main contractor has completed operations on this Scheme but the final account is not yet available.



A number of minor variations are to be carried out Departmentally under the Contract.

(c) *The Norton Lindsey Sewerage and Sewage Disposal Scheme.*

This scheme, which forms the major part of current Contract No. 17, involves operations in the parishes of Norton Lindsey and the Stratford R.D.C. parish of Wolverton.

The following is the situation at the end of the year:—

*Norton Lindsey (Warwick R.D.C. Area)*

6in. diameter foul sewers laid 2,643 yards

Manholes complete 43

Sewage Disposal Works units complete or under construction

- (i) Fencing to site.
- (ii) Sludge Drying Beds.
- (iii) Bacteriological Filter Walls.
- (iv) Pumping Station substructure.
- (v) Sludge Digestion Tank.

*Wolverton (Stratford-on-Avon).*

6in. diameter sewers laid 1,670 yards

Manholes complete 22

4in. Pumping main laid 1,000 yards.

Pumping Station Under construction.

(d) *Hampton-on-the-Hill Sewerage and Sewage Disposal.*

On this scheme, which forms a part of current Contract No. 17, the whole of the 6in. diameter sewer within the village, together with that portion gravitating directly towards the Budbrooke Sewage Disposal Works, and the remainder gravitating to the Hampton-on-the-Hill Pumping Station, totalling in all some 1,738 yards and with 25 manholes, have now been laid. The 4in. diameter pumping main from the pumping station site to its discharge manhole some 640 yards distant has been completed.

The pumping station has been the victim of two major changes:

(a) the original design for the station was for a Solids Diverter unit located in a dry well below the superstructure. This has been changed to a pair of horizontal pumps housed in a brickwork building and drawing from a concrete tube sump divorced from the main building.

(b) to meet the requirements of the County Surveyor in respect of access from the public highway, the site of the pumping station has been varied to a position some thirty yard west of the original site.



Other than fencing of the site no effective construction has yet taken place at this Pumping station.

The private developer's sewer running to the south of Hampton Magna has been operating during the year, but the pumped and gravity public sewer discharges from Hampton-on-the-Hill have not yet been applied to it and the pipeline which terminates at the Disposal Works is not yet adopted by the Council.

At the Buddbrooke Sewage Disposal Works the concrete road to the site running parallel to the Warwick By-pass Road from Stanks Farm has been laid, the chain link fencing erected, and the two amenity buildings are now in position. Some work has been done in repairing the sludge drying beds. Operations at the Works are not yet complete.

(e) *The Eastern Area Sewerage Scheme.*

Design work is still proceeding on this Scheme which is scheduled to process foul sewage from the villages of Eathorpe, Wappenbury, Offchurch, Hunningham, and Weston-under-Wetherley at the site of the present Weston Hospital private sewage disposal works. The private works is currently catering for 40 R.D.C. properties but will be enlarged with the construction of the village scheme.

3. The following proposed and current capital sewerage and sewage disposal schemes (I) to (XI) have been dealt with Departmentally as have various other aspects of sewage disposal reported in paragraphs (4) to (19) inclusive.

(i) *Baginton.*

The connection of some Baginton Village sewers to the new Coventry Corporation gravity sewer near Baginton Oak Ejector Station has not yet been achieved due to the Corporation Trunk Sewer being incomplete. The order for connection has been given. This scheme is one of the three financed from loan; the other two schemes were reported complete last year.

(ii) *Wasperton.*

The village scheme which formed the subject of a Ministry Enquiry in December 1967 has not proceeded past the Administrative position reported last year.

(iii) *The Whitnash and Bishops Tachbrook Sewerage Scheme.*

This scheme was enquired into by the Minister in December 1967, but no approval has yet been obtained and the Scheme is virtually in cold storage.

However, it is worth while remarking on two salient points made elsewhere in this report with which the scheme was intended to deal . . .

- (a) Paragraph 9 reports that the number of properties connected to the foul sewer and therefore dealt with at Bishops Tachbrook Sewage Pumping Station has risen to 385 from last year's figure of 297.
- (b) Paragraph 12 (1) reports the completion of a private pumping station at Golf Lane, Whitnash, and the connection of 22 private houses to the station.

The private Sewage Pumping Station discharges to this Council's Home Farm Crescent foul sewage pumping station and thence into the public foul sewer at a point between the Plough and Harrow Inn and the Church at Whitnash. The Plough and Harrow Inn/Church area is affected by flooding in periods of rain and as the number of private properties in Golf Lane increases from the present 22 to the permitted 208 houses, the situation can be expected to deteriorate. Within the current year a reflux valve has been fitted in the Plough and Harrow sewer connection in an attempt to prevent sewage backing up and flooding out of the Inn's private inspection chambers.

(iv) *Whitnash Surface Water Sewer.*

The year's estimates allow for the construction of a new surface water sewer from a position near the Plough and Harrow Inn, Whitnash in an easterly direction for some 338 yards to outfall at the watercourse on the south side of the allotments. Thence surface water would pass under the railway and towards the River.

This work has been rendered necessary by the extensive flooding at the Plough and Harrow and the apparent failure of the old village drain in the vicinity. It is hoped to put the proposals formally to the Minister early in 1969.

(v) *Old Milverton and Blackdown Sewerage Scheme.*

This scheme reported in detail last year has not been pursued. There are, within the scope of the scheme a number of quite large hotel and business administrative premises each with private sewage disposal systems. Not all of these systems are efficient.

(vi) *Haseley Knob and Beausale Sewerage Scheme.*

The scheme, which is designed to drain 34 properties in Beausale, 28 in Haseley Knob and give facilities for the connection of some properties from Wroxall, formed the

subject of an informal visit by the Surveyor to the Ministry of Housing and Local Government. A basic problem in connection with the scheme is the future of the existing sewage disposal works particularly in the light of the Council's proposals to erect eight dwellings on the site of the present School.

Nor formal approach was made to the Ministry within the year.

(vii) *Shrewley Sewage Disposal Works.*

The final effluent continues to discharge by spray over adjoining land rented from the Canal Authorities and to this extent all sewage received at the Works is pumped twice, once from receiving sump to top of sedimentation tank and a second time from humus tank to irrigation area.

The full-scale tile clarifier system approved by the Council under the current year's expenditure is expected to commence early in 1969—this will remove the necessity for the second pumping mentioned above. Tests carried out on the Works "test bed" of a wedge wire clarifier were not considered sufficiently satisfactory for this system to be suggested for the Norton Lindsey Sewage Disposal Works being constructed under Contract No. 17 and it is believed that the Council's Consultants are moving towards a tile-type clarifier for tertiary treatment at this station.

(viii) *Lowsonford R.D.C. Housing S.D. Works.*

No firm proposals have been made for modification at this Works but thinking tends towards a village sewerage scheme, the existing Sewage Disposal Works to be abandoned, and sewage pumped for processing at the existing Lapworth and Rowington Sewage Disposal Works on Dick's Lane.

(ix) *Cubbington Foul Sewerage—Infiltration Survey.*

Financial facilities have been approved by the Council for investigating sources of infiltration in the foul sewers running down to the Cubbington, Offchurch Road foul sewage pumping station.

Installations at the Station include a storm tank with overflow to the Pingle Brook.

The survey had not commenced by the end of 1968 but will start early in the new year.

(x) *Bubbenhall Sewage Disposal Works.*

The installation of safety rails around the humus tank, erection of access road gate, variation in pump sump ladder and a number of such like items have been put in hand,



subsequent to the Consultant's completion of this scheme, at the estimated cost of £397. The work is proceeding.

(xi) *Lapworth and Rowington Sewerage and Sewage Disposal.*

Additions to this scheme, subsequent to its hand over to the Council have been approved to the extent of an estimated £1,601 19s. 6d. These works include wheel tracks at the Rising Lane sewage pumping station, handrailing around the humus tanks at the Lapworth and Rowington S.D. Works, and flood precautions at Kingswood sewage pumping station which will proceed early in 1969.

#### **4. (a) Adoption by the Council of Privately Constructed Foul Sewers.**

Several applications have been made that the Council adopt privately constructed sewers but lack of information required from developers has meant that no recommendation has been made.

The sewers of the Montgomery Estate at Whitnash in the highway at Summerton Road, Mollington Road and part of Landor Road are being surveyed by the Trustees and there appears good possibility of a favourable recommendation being made.

Some 34 yards of 6in. sewer at Dugard Place leading down to the private foul sewage pumping station described in 4 (b) will probably be adopted early in 1969 as will 45 yards of 6in. sewer and two manholes in Wellesbourne Road to which the pumping station discharges.

#### **(b) Adoption by the Council of Foul Sewage Pumping Stations.**

The private foul sewage pumping station at Dugard Place, Barford, together with 293 yards of 4in. pumping main towards the public foul sewer in Wellesbourne Road has been the subject of an application for adoption and while agreement was not possible during the year there appears good possibility of adoption early in 1969. The station serves some 42 private properties and the toilet facilities at an adjoining telephone repeater site.

#### **5. Construction of Private Sewers.**

Construction of private sewers at the main areas of development within the district at Hampton Magna and Golf Lane, Whitnash, has proceeded during the year.

At Cubbington a portion of Pingle Brook, alongside the Cubbington/Offchurch Road sewage pumping station has been piped with 48in. diameter concrete tubes in carrying



out industrial development on the site. Precautions have been taken to safeguard the ability of the Council's foul pumping station to overflow via its storm overflow tank to a manhole on the piped brook.

6. (a) The number of septic tank type sewage disposal installations has been further reduced by the connection of two houses at Heath Terrace, Beausale, to the private Disposal Works serving other R.D.C. properties in the Terrace.

The Schedule of these Works is now thus:

<i>Site</i>	<i>No. of properties served</i>	<i>Future of the Disposal Works</i>	<i>No. of sludge emptyings during the year</i>
Beausale Heath Terrace	14	Will be modified under Beausale and Haseley Knob Sewerage Scheme	One
Lowsonford	12	Proposals to pump to Lapworth S.D. Works are being tentatively considered.	Two

- (b) The list of village sewage disposal works still remains as last year as follows:—

<i>Location of Sewage Disposal Works</i>	<i>Includes Works P.S.</i>	<i>Designed for Duplication</i>	<i>Designed for ultimate population of</i>
Bubbenhall	Yes	No	500
Leek Wootton	Yes	No	1,300
Lapworth & Rowington	Yes	Yes	3,400
Shrewley & Hatton	Yes	No	1,500
Old Milverton	No	Yes	98
Budbrooke	Yes (Drainings)	Being redesigned	Being redesigned

7. As stated in paragraph 6 (a) one septic tank sewage disposal installation became redundant this year. The two-house tank became badly in need of repair and had to be taken out of service.

8. (a) The schedule of foul sewage pumping stations on the line of sewers (as opposed to those at Disposal Works) remains as last year as follows:—

<i>Location</i>	<i>Type of Sump</i>	<i>Pump(s) (All for raw sewage)</i>	<i>Date of installation of pumps</i>
Burton Green (Cromwell Lane)	Wet	Tuke and Bell Barrington (2)	1962
Bishops Tachbrook	Dry	Wallwin Vertical Spindle (2)	1965/6
Baginton Oak	Wet	Tuke and Bell Tandem Ejector	1953
Baginton Mill	Wet	Wallwin Suspended (1)	1962
Barford Bridge	Wet	Gwynnes Horizontal (2)	1952
Barford (Sandy Way)	Wet	Tuke and Bell Barrington (1)	1964
Crackley Crescent	Dry	Wallwin Vertical Spindle (1)	1964
Cubbington (Leicester Lane)	Dry	Wallwin Vertical Spindle (2)	1957
Cubbington (Offchurch Road)	Dry	Wallwin Vertical Spindle (2)	1958
Hatton (Station Rd)	Wet	Flygt (1)	1967
Lapworth (Kingswood)	Dry	Mono Vertical Spindle (2)	1964/5
Lapworth (Rising Lane)	Dry	Mono Vertical Spindle	1964/5
Baddesley Clinton Neatherwood Heath Farm	Wet	Flygt (2)	1967
Radford Church	Wet	Lee Howl Vertical Spindle (2)	1955
Radford (Valley)	Wet	Wallwin Suspended (2)	1962
Stoneleigh	Wet	Wallwin Suspended (1) Horizontal (1)	1962 1968
Sherbourne	Wet	Wallwin Suspended (1)	1964
Whitnash (Home Farm Crescent)	Dry	Wallwin Vertical Spindle (2)	1959

- (b) Foul sewage pumping stations forming part of sewage disposal works apparatus exist at the following positions:—

<i>S.D. Works</i>	<i>Type of Sump and Purpose</i>	<i>Pump</i>	<i>Date of Installation</i>
Bubbenhall	Wet/Dry Raw Sewage	Wallwin Vertical Spindle (2)	1965/6
Leek Wootton	Wet (Raw sewage)	Wallwin Horizontal with Primer (1)	1965
Lapworth & Rowington	Wet/Dry Raw Sewage (Sludge)  (Water Supply)	Mono Vertical Spindle (2) Whitehead & Paul (1) Submersible (1) Worthington & Simpson	1964/5  1964/5 1964/5
Shrewley & Hatton	Wet Raw Sewage	Flygt (2)	1965
Budbrooke	Wet Drainings Water only	Flygt (1)	1966/7

As reported elsewhere construction of the pumping station at the Norton Lindsey Sewage Disposal Works was commenced during the year but is not yet commissioned.

- (c) The surface water pumping station dealing with roof water from nine houses on the re-developed 1919 Housing Site at Cubbington is operating but has not yet been formally taken over from the contractors.

9. Apart from pumping sewage to the Council's own sewage disposal works, the following movements of sewage across administrative boundaries occur:

- (a) *Sewage* is pumped by R.D.C. plant to other Authorities for processing, from the following areas:—

<i>Parish</i>	<i>No. of Properties.</i>	<i>To</i>
Barford	268	Warwick Corporation
Sherbourne	37	Warwick Corporation
Crackley	16	Kenilworth U.D.C.
Cubbington	1387	Leamington Corporation
Radford Semele	489	Leamington Corporation
Bishops Tachbrook	385	Leamington Corporation

Old Milverton	16	Leamington Corporation
Whitnash	1779	Leamington Corporation
Baginton	202	Coventry Corporation
Burton Green	103	Coventry Corporation
Stoneleigh	83	Coventry Corporation
Lapworth	47	Upper Tame Main Drain- age Authority

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4812 properties

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This is an increase of 284 over last year.

(b) *Sewage from other Districts* pumped by Warwick R.D.C. plant, is processed as below:—

<i>From</i>	<i>No. of Properties.</i>	<i>To</i>
Meriden R.D.C.	79	Coventry Corporation
Meriden R.D.C.	59	Warwick R.D.C. Rowing- ton S.D. Works

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*Total* 138

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This is an increase of 17 properties over last year.

(c) *From Weston-under-Wetherley*, sewage from 40 Warwick R.D.C. properties gravitates to, and is processed at the Weston Hospital Board's Private S.D. Works at Weston-under-Wetherley.

10. *Foul Sewage Pumping Stations rendered redundant* or transferred to other Authorities this year. There were no instances.

11. *Surface Water Pumping Station.*

The only station of this type in the District is at this Council's re-development of the 1919 houses site at Cubbington. The station is working but has not yet been taken over from the builders.

12. *Private Sewage Pumping Stations (other than those for one property).*

(i) *Golf Lane, Whitnash.*

The new sewage pumping station capable of dealing with some 208 private properties has been virtually completed and is operating on the Golf Lane Estate, Whitnash.



The station is located some 500 yards to the south of the Council's Home Farm Crescent sewage pumping station to which foul sewage is pumped along a 5in. diameter rising main.

Twenty-two houses were completed and sixteen commenced during the year on the estate and the overloading on the public sewers at the Plough Inn, Whitnash, caused by discharges from the new private pumping station via this Council's Home Farm Crescent sewage pumping station, can be expected to increase.

It will be remembered that the Council's Whitnash and Bishops Tachbrook Comprehensive Sewerage Scheme was initiated to deal, *inter alia*, with this problem.

- (ii) The private sewage pumping station at Red House Site, Barford, catering for six properties is working and discharging to the public sewers.
- (iii) The private pumping station at Dugard Place, Barford, dealing with 42 domestic properties and one telephone repeater site has operated during the year. This station is referred to in paragraph 4 (b) in discussing the adoption of private installations.
- (iv) A private foul sewage pumping station being part of a private disposal unit has been completed for six houses at Wroxall.
- (v) At the Royal Agricultural Society Show site at Stoneleigh Park three private pumping stations are operating throughout the year.

One station is located at the south-western corner of the site and a second at the south-eastern corner. Both pump northwards to discharge at a holding lagoon and the third pumping station is situated at the northern extremity of the Show site.

At times of low flow towards the lagoon the discharge is confined in an approach tank and thence repumped by the third pumping station along a 4in. diameter rising main to this Council's Village Sewage Pumping Station at Stoneleigh and thence to the Finham Sewage Disposal Works of the Coventry Corporation.

At Show times the sewage is allowed to occupy the lagoon and this evens out the difference in pumping rates between the pumps on the Showground and the one at the lagoon which pumps to Stoneleigh Village.

13. The private foul sewage pumping station and the disposal works to which it pumps at Hatton Hospital are still in being. The installations are maintained by the Hospital.

#### 14. Pumping Station Amenities.

(a) *Rising Lane Sewage Pumping Station*.—The provision of the proposed hot water washing installation for personnel has not yet been completed and in fact a number of other items are to be carried out at the Station chargeable to the Lapworth and Rowington Sewerage Scheme.

(b) The subscriber call overflow alarm system is now in operation at 21 of the 23 foul sewage pumping stations noted in paragraphs 8 (a) and 8 (b).

The exceptions are:—

Baginton Oak—where the station is to become redundant.

Budbrooke Disposal Works S.P.S.—where contract modifications are being made and the installation cannot yet be completed.

15. Principle pumping stations and sewage disposal works repairs have been required at:—

##### (a) *Pumping Stations*.

(i) Stoneleigh Village.				
	Buildings work	£117	0	5
	Installation of new pump and starter	£596	0	0
(ii)	Barford Bridge New pump seal	£28	5	3
(iii)	Cubbington— Offchurch Road			
	Fencing repairs	£54	10	0
	Access Road	£21	13	3
	Reflux Valve, Repair pumps	£48	18	10
(iv)	Radford Semele (Church)			
	Recondition pump motor	£109	2	3
	One overhand Motor	£56	11	9
	Access Road repairs	£73	15	0
(v)	Whitnash Home Farm Crescent			
	Repairs to building	£37	15	1
	Recondition pumps and new impeller	£48	17	3

(b) *Sewage Disposal Works.*

(i)	Lapworth and Rowington	Repairs to pump starter	£72	9	0
(ii)	Leek Wootton	Repair air exhauster	£31	17	6
(iii)	Old Milverton	Repair fence and dig ditch	£50	0	6

(c) *General Purposes.*

- (i) Two portable electric submersible Flygt pumps have been purchased for use in e.g. clearing pumping station dry wells where no fixed sump pumps exist. Total cost of both was £338 15 0
- (ii) As a means of obtaining a continuous 7 day record of flows in sewers up to 9in. diameter one portable Arkon Depth Recorder has been purchased at a cost of £102 0 0

16. **Repairs to Public Sewers.**

- (a) The total cost of repairing or unblocking of public sewers during the year was £875 18s. 8d. the total number of instances being 62.

As being between the parishes the repairs were located thus:—

<i>Parish of</i>	<i>Instances</i>
Whitnash	12
Barford	10
Baginton	7
Shrewley: Stoneleigh	5 each
Hatton: Cubbington	4 each
Burton Green, Leek Wootton and Bishops Tachbrook	3 each
Baddesley Clinton	2
Lapworth: Radford Semele and Rowington	1 each
Warwick Borough	1

- (b) The sewer in the vicinity of the Church at Whitnash was flushed out at a cost of £81 0s. 0d.

17. Drainage Works carried out during the year with the aid of Grants were as follows:—



# HOUSING (FINANCIAL PROVISIONS) ACT, 1958

## HOUSE PURCHASE & HOUSING ACT, 1959

Parish	Discretionary Grants			Standard Grants		
	Connection to sewer	Septic tanks	Cess- pools	Connection to sewer	Septic tanks	Cess- pools
Baddesley Clinton	1					
Barford	1					
Beausa'e		1				
Bishop's Tachbrook	1				1	
Bubbenhall						1
Bubrooke					1	
Haseley					1	
Honiley					1	
Hunningham		1				
Lapworth	1		1	2	1	
Leek Wootton		1				
Rowington				1		1
Shrewley				1	1	
Wroxall		1				
TOTALS	4	4	1	4	6	2

**Note:**—In cases where a number of houses are dealt with by one septic tank or one connection to a sewer, only one septic tank or connection to a sewer is included in the above figures.

Soil drains connected to an existing drain discharging into a public sewer are not included.

### 18. Septic Tank and Cesspool Emptying Services.

The incidence of cesspool and septic tank emptying visits in the various parishes is shown in detail on Appendix "A".

The number of emptyings shows a further drop this year to a total of 929, being 26 less than 1967 and 47 less than two years ago.

Major variations in parish totals compared with last year occur at:

Baddesley Clinton	reduction of	16	visits
Budbrooke	„ „	18	„
Shrewley	„ „	10	„
Other Districts	„ „	47	„
Ashow	increase of	6	„
Haseley	„ „	13	„
Honiley	„ „	10	„
Lapworth	„ „	64	„ (159 to 213)

The Baddesley Clinton reduction will have been affected by the new sewerage scheme and "other districts" by a policy of dealing with the Warwick R.D.C. area before others.

The increase at Lapworth is interesting and the following further table is submitted to show properties which have contributed largely to emptying problems.

No. of times Cesspool/ septic tank emptied per year	No. of properties at which situation has occurred	Parishes Concerned with gross No. of visits shown in brackets							
		Norton Lindsey	Haseley	Offchurh	Lapworth	Ashow	Bishops Tchbk.	Beausale	Honiley
3 times	30								
4 "	8								
5 "	5								
6 "	5								
7 "	3	1(7)	1(7)	1(7)					
8 "	4				4(32)				
9 "	3	1(9)				1(9)	1(9)		
10 "	3	1(10)			1(10)			1(10)	
12 "	1				1(12)				
14 "	1	1(14)							
15 "	2	1(15)			1(15)				
22 "	3	1(22)	1(22)		1(22)				
34 "	1								1(34)
		6(77)	2(29)	1(7)	8(91)	1(9)	1(9)	1(10)	1(34)

Abstracting from the above and considering properties to which 7 or more visits have been paid during the year, the following results are obtained to show the large proportion of time spent on a very small number of properties.

Parish	No. of Properties	No. of visits per year	% of visits to properties to total service
Lapworth ... ..	8	91	9.9%
Norton Lindsey ...	6	77	8.3%
Honiley ... ..	1	34	3.66%
Haseley ... ..	2	29	3.12%
Beausale ... ..	1	10	1.08%
Ashow ... ..	1	9	0.97%
Bishops Tachbrook	1	9	0.97%
	20	259	27.9%

These figures prompt a review of the septic tank and cesspool emptying service in the following terms:—

*Septic Tanks* (i.e. tanks with outfall) are normally designed today for a six monthly storage of sludge and the expected emptyings of sludge therefore, are limited to two per year. Given an adequately sized tank and effective effluent disposal arrangements the number of sludge emptyings will not be seriously affected by reasonable infiltration into the tank or its drainage system.

*Cesspools* (i.e. tanks without overflow) however, are designed to store all sewage and will equally store all infiltration, all of which will require to be transported.

The modern 4,000 gallon cesspool used for one house will require, purely on account of foul sewage alone, eleven emptyings per year while the number will be increased by any infiltration.

It is clear therefore that the incidence of cesspools, as opposed to septic tanks, should be kept to a minimum and all possible alternative sewage disposal arrangements investigated and if possible used, or the present strain on the emptying service will be accentuated.

**19. Night Soil Pail Collection—***See Appendix "A".*

(a) *By the Warwick R.D.C.*

The incidence of gross night soil pail collection in the District has decreased substantially during the year from 327 pails per week in 1967 to 175 in the current year.

Very satisfactory reductions have been achieved at Lapworth from 60 in 1967 to 32 in 1968.

Stoneleigh from 62 in 1967 to 7 in 1968.

(b) *Private Night Soil Pail Collection Service.*  
*Stoneleigh*

In May 1968 the Council resolved that the emptying of the night soil pails within the village of Stoneleigh should be left to the owner of the properties.

A public sewer was constructed in the village in 1953. The large reduction in this Council's collection for the parish reported at 19A is largely due to this cause.

(c) *No R.D.C. Service*

No Council collection service is provided in six parishes of the District.

## **PUBLIC CLEANSING AND TRANSPORT**

### **Refuse Collection and Disposal**

The number of premises from which refuse is collected increased by over 400 to 8,569 by the end of the year, owing to continued housing development, and it became necessary during the year to re-introduce a fifth collection route, operating three days per week.

The Council's policy of a regular weekly collection throughout the District was, in the main, successfully maintained though difficulty was experienced through an unusually



prolonged incidence of sickness among employees. In such circumstances the rural authority is at considerable disadvantage, having no pool of labour in less essential occupations upon which to draw when refuse collection teams are depleted.

The two Pakamatic vehicles operating in the urbanised parts of the District have assisted in no small measure in the maintenance of the service without increase in the number of vehicles and with the addition of only one extra to the labour strength, in spite of the rapid increase in premises.

Householders could assist the smooth operation of the service to a far greater degree by reducing the vast amount of combustible refuse placed in the dustbins, and also by making their dustbins more readily accessible for emptying in many cases where direct access to the rear of houses is not possible.

The majority of the refuse collected was disposed of in a privately owned quarry at Barford; only very limited use of the Council's small tip at Bushwood was possible. Negotiations for the acquisition of a new permanent tipping site continued.

The estimated weight of refuse disposed of during the year was 8,250 tons.

**Transport.**

The following vehicles are owned by the Council:—

Refuse Collection: "Pakamatic"	2
Other Rear Loaders	4 (3 operational, 1 standby)
Cesspool Emptiers	2
Tractors (Light)	1
Tractors (Medium)	1
Land Rovers	4
Vans	2
Lorry (open)	1
Cars	1

**Rodent Control.**

203 Contracts for the destruction of rodents on agricultural land and premises were in force at the end of the year, to the total value of £2,553.

In addition to this work the Council's two rodent operators dealt with all reported infestations of rats or mice at private dwellinghouses, business premises and Council-owned properties.

## Housing

### (1) Improvement Grants

		<i>Standard Grants</i>	<i>Discretionary Grants</i>
No. of applications received ...		16	23
No. of properties involved ...		16	30
No. of claims granted ...	...	14	16
No. of properties involved ...	...	14	21

It is disappointing to report that the number of grants approved (30) has again declined when compared with the figure for 1967 (44). There are still many houses in the district in need of improvement and it is to be hoped that the new housing bill will provide the necessary fillip for owners to modernise and improve their properties.

### (2) New Houses provided by Rural District Council

At Baddesley Clinton 6 houses and 4 bungalows were constructed and brought into occupation during the year whilst at Cubbington a start was made on the re-development of the 1919 Scheme site. This entailed replacement of 12 old houses by 30 new dwellings. At the end of 1968 13 dwellings were completed and occupied.

### (3) New Houses—Private Development

A total of 412 dwellings was constructed.

### (4) Demolition

Fourteen houses were demolished during the year following action under Parts II and III of the Housing Act 1957.

The following table shows the present position with regard to action taken under the Housing Acts:

<i>Class (see footnote)</i>	A		B		C		D		E	
Year	1967	1968	1967	1968	1967	1968	1967	1968	1967	1968
Outstanding at beginning of year ...	33	25	39	23	14	20	1	3	8	8
Made subjects of orders or undertakings during the year ...	5	0	2	2	6	1	2	1	—	—
Demolished during the year ...	13	5	15	9	—	—	—	—	—	—
Made fit during the year ...	—	—	—	3	—	—	—	2	—	—
Orders Revoked ...	—	—	3	1	—	—	—	2	—	—
Outstanding at end of year ...	25	20	23	12	20	21	3	2	8	8

A. Under Clearance Orders.

B. Under Demolition Orders.

C. Under Closing Orders.

D. Under Undertakings to make fit.

E. Under Undertakings not to use for human habitation until made fit.

### **(5) Improvements to Council Houses**

The provision of bathrooms, and other improvements have been carried out as follows:

24 dwellings at Hall's Close, Whitnash.

6 „ at Rising Lane, Baddesley Clinton.

33 „ at Rugby Road, Cubbington.

### **Animal Boarding Establishments**

Seven licences were renewed at the beginning of the year, this being one less than in 1967. At one establishment increased accommodation was provided for dogs and also for the keeping of cats. Inspections have been made throughout the year and these have revealed that a good standard is being maintained in the housing and care of the animals.

### **Petroleum (Regulation) Act 1928 and 1936**

Approval was given during the year for the keeping of petroleum spirit at two farms and a new petrol filling station and an increase in storage capacity from 5,000 to 8,000 gallons at an existing petrol filling station. In the village of Stoneleigh the filling station which was located on a dangerous corner has been closed and a new station built further along the Coventry Road and this is a decided improvement from the road safety angle.

Two old petrol tanks at different premises were subjected to a pressure test and no defects were found.

Inspections were made to the 76 premises where petroleum spirit is authorised to be kept and 6 notices sent regarding contraventions of licensing conditions.

The Miscellaneous Fees (Variation) Order 1968 came into force on the 1st April 1968 and increased four-fold the fees for petroleum spirit licences.

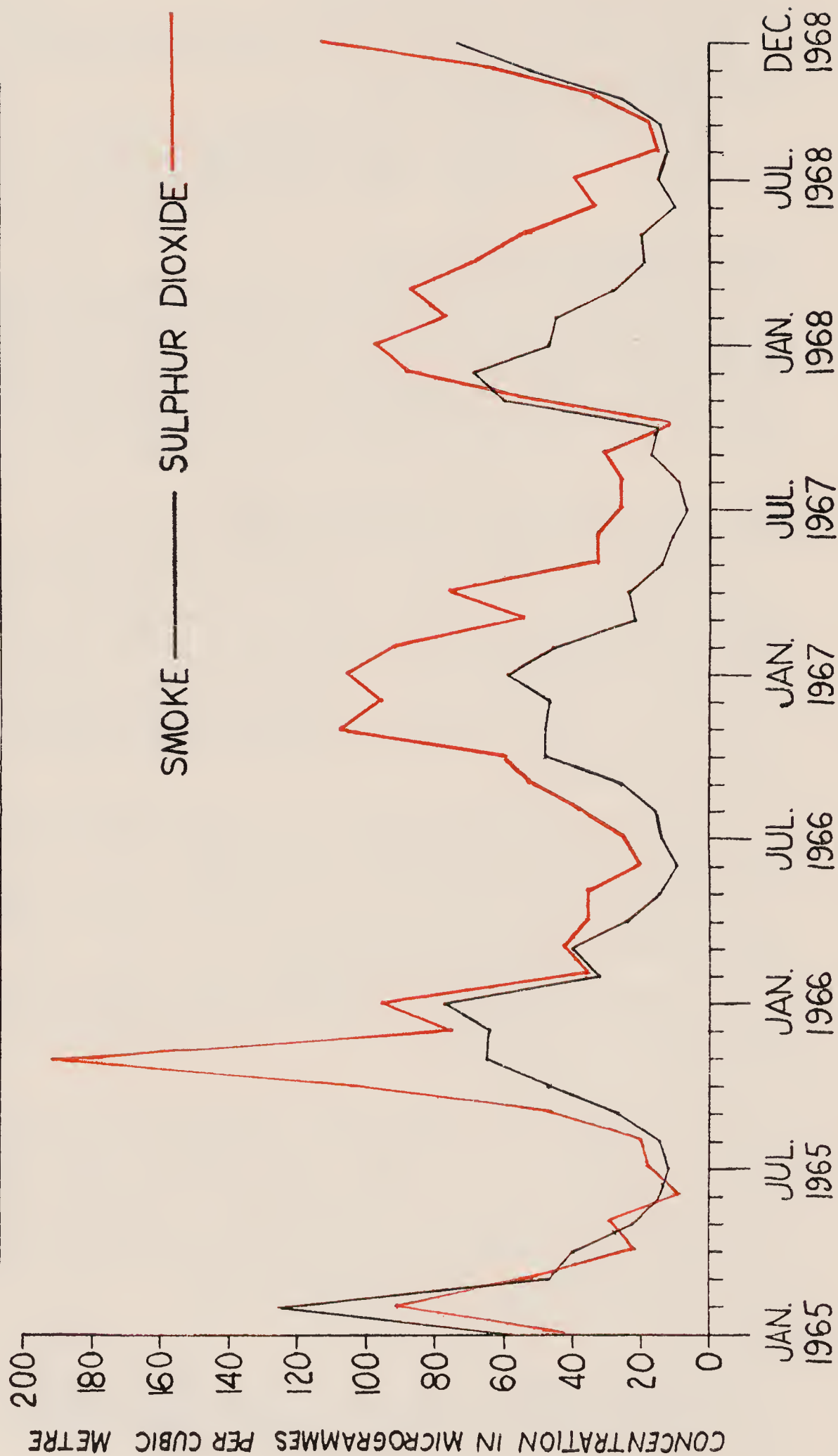
Later in the year the Home Office issued a new model code of principles of construction and licensing conditions for the storage of cans, drums, etc., and for petrol filling stations, and this was a welcome publication. Improvements in the methods of storage and dispensing of petroleum spirit are taking place all the time and the new code goes a long way to giving guidance on the new techniques.

### **Nuisances**

Complaints of nuisances were not numerous though they varied considerably in character, including insect infestations, noise, offensive odours, unsatisfactory drainage, etc.



MONTHLY AVERAGES OF DAILY CONCENTRATIONS OF SMOKE AND  
SULPHUR DIOXIDE RECORDED AT WHITNASH PUMPING STATION.



One noise nuisance reported concerned night flying from Baginton Airport which commenced during the summer. Night flying, however, only occurs at infrequent intervals and since the hours of flying have been curtailed only one complaint has been received.

### **Factories**

There are 41 factories on the register and this is an increase of 5 over the previous year. 53 inspections were made to these premises and in 10 cases, unsuitable or defective sanitary conveniences found. In each case the owner was requested to make the necessary improvements forthwith.

### **Caravans**

Only one site licence was issued under the Caravan Sites and Control of Development Act 1960 and that in respect of a single caravan for a short period.

In contrast to the previous year, few travelling tinkers or other itinerants were in evidence in the District.

### **Clean Air Act 1956**

At Whitnash Pumping Station a volumetric apparatus for recording atmospheric pollution has been in use for several years and in the graph on page 32 the concentrations of sulphur dioxide and smoke, for the past five years are recorded. The results are forwarded monthly to the Warren Spring Laboratory (Ministry of Technology) as part of the National Survey of Smoke and Sulphur Dioxide, and to the Warwickshire Clean Air Council.

No complaints were received during the year which required action under the above Act.

### **Food Premises**

The food business today is highly competitive and this is reflected in the improvements which are continually being made, apart from hygiene considerations, to shops and restaurants to present clean and attractive premises to customers. In this district little change has taken place in the total number of premises and to these 324 inspections were made during the year. Certain contraventions of the Food Hygiene Regulations listed below were found and later remedied:

Inadequate ventilation	...	...	1
Dirty conditions of walls	...	...	5
Unsatisfactory working surfaces	...	...	3
Lack of first aid materials	...	...	1
Unsatisfactory washing facilities	...	...	5
Unsatisfactory sanitary accommodation	...	...	2
Other defective structural work	...	...	3

The table below gives details of the various types of food premises. Regulation 16 is concerned with the provision of hand washing facilities for food handlers and Regulation 19 with the provision of sinks, etc., for the washing of food or equipment.

<i>Type of Premises</i>	REGULATION 16		REGULATION 19	
	<i>Number of Premises</i>	<i>Fitted to comply</i>	<i>Number of Premises</i>	<i>Fitted to comply</i>
Bakeries	2	2	2	2
Butchers Shops	8	8	8	8
General Provisions including				
Confectioners	55	55	39	39
Cafes, Restaurants	15	15	15	15
Licenced premises	26	26	26	26
Factory Canteens	2	2	2	2
Clubs	10	10	10	10
Fish Frying	2	2	2	2
Others	6	6	3	3

### Offices, Shops and Railway Premises Act 1963

197 visits were made to registered premises during the year as compared with 86 for 1967. 15 new premises were registered. Contraventions of the Act and Regulations have been few in number and of a minor nature.

Two accidents were notified—both in respect of catering establishments. One involved an employee who tripped while carrying a tray and the other an employee engaged in the moving of a piano.

Particulars required by the Ministry of Labour regarding the operation of the Act are as follows:—



TABLE A—REGISTRATION AND GENERAL INSPECTIONS

Class of premises (1)	Number of premises registered during the year (2)	Total number of registered premises at the end of year (3)	Number of registered premises receiving a general inspection during the year (4)
Offices .....	6	30	20
Retail Shops .....	8	46	25
Wholesale Shops, Warehouses .....	—	2	1
Catering establish- ments open to the public, canteens	1	30	21
Fuel storage depots	—	—	—
TOTALS .....	15	108	67

TABLE B—Number of visits of all kinds by Inspectors  
to registered premises .....

197

TABLE C—ANALYSIS OF PERSONS EMPLOYED IN  
REGISTERED PREMISES BY WORKPLACE

Class of Workplace (1)	Number of persons employed (2)
Offices .....	299
Retail Shops .....	117
Wholesale Departments, Warehouses .....	8
Catering Establishments, open to public .....	330
Canteens .....	22
Fuel Storage Depots .....	0
TOTAL .....	776
TOTAL MALES .....	387
TOTAL FEMALES .....	389

TABLE D—EXEMPTIONS

Part I Space (Sec. 5 (2) ) .....	} Nil.
Part II Temperature (Sec. 6) .....	
Part III Sanitary Conveniences..... (Sec. 9) .....	
Part IV Washing Facilities .....	
(Sec. 10)	

TABLE E—PROSECUTIONS .....

Nil.

TABLE F—INSPECTORS .....

TWO.

TABLE I.

## WARWICK RURAL DISTRICT

SUMMARY OF WORK DONE IN THE HEALTH  
INSPECTOR'S DEPARTMENT DURING THE YEAR, 1968.

				Inspections and observations made	Notices served		Notices complied with
					Statu- tory	In- formal	
Bakeshouses	...	...		2	—	—	—
Butchers' shops and slaughterhouses		...		88	—	—	—
Public houses, clubs, restaurants, etc.		...		90	—	16	—
Food premises (other than above)	...	...		234	—	6	8
Factories	...	...		53	—	1	1
Building sites	...	...		2	—	—	—
Houses	...	...	...	488	—	10	4
Caravans	...	...	...	60	—	—	—
Swimming Baths	...	...	...	9	—	—	—
Rivers, streams and ditches	...	...		22	—	—	—
Drainage	...	...	...	298	4	4	1
Accumulations	...	...	...	28	—	—	—
Rodents	...	...	...	8	—	—	—
Vermin (other than above)	...	...		9	—	—	—
Animals (keeping of)	...			9	—	—	—
Noise nuisances	...	...		55	—	—	—
Smoke nuisances		...		10	—	—	—
Smell nuisances	...	...		43	—	—	—
Clean Air Act	...	...		72	—	—	—
Petroleum Acts	...	...		147	7	3	—
Animal Boarding Es- tablishments Act	...			12	—	—	—
Water supplies	...	...		84	—	—	—
National Assistance Act	...			6	—	—	—
Infectious diseases, etc.	...			52	—	—	—
Offices, Shops & Railway Premises Act	...	...		197	—	17	3
Dust Nuisance	...	...		2	—	—	—
Nightsoil collection		...		22	—	—	—
Tips	...	...	...	6	—	—	—
Pet Animals Act	...	...		1	—	—	—
Milk Supplies	...	...		1	—	—	—
Means of escape in case of Fire	...	...	...	1	—	—	—
Miscellaneous	...	...		260	—	—	—
Water samples taken		...		22	—	—	—
Sewage Samples taken		...		1	—	—	—
Totals				2394	11	57	17

## APPENDIX (A)

WARWICK RURAL DISTRICT COUNCIL.  
SEWERAGE AND SEWAGE DISPOSAL.

(1)  PARISH	(2)  Public Sewer available	(3)  Nightsoil pails emptied weekly		(4)  No. of septic tanks and cesspool emptying visits during year		(5) Properties connected to sewers in 1968				
		1967	1968	1967	1968	By Discretionary Grant	By Standard Grant	Privately to exist- ing free connec- tion to curtilage	From Private development to existing sewers	From R.D.C. development to existing sewers
Ashow ... ..	No	16	13	11	17	—	—	—	—	10
Baddesley Clinton ... ..	1967	3	1	19	3	1	—	1	—	
Baginton ... ..	1953	8	6	—	—	—	—	—	—	
Barford ... ..	1952	—	—	21	15	1	—	—	12	
Beausale ... ..	1946*	No	Service	24	29	—	—	—	—	
Blackdown ... ..	No	No	service	33	28	—	—	—	—	
Bishops Tachbrook ... ..	1949	No	service	11	17	1	—	—	97	
Bubbenhall ... ..	1965/6	—	—	10	10	—	—	2	8	
Budbrooke ... ..	No	27	30	61	43	—	—	—	121	
Bushwood ... ..	No	No	service	—	1	—	—	—	—	
Cubbington ... ..	1952	—	—	3	1	—	—	—	8	—12 +13 = +1
Eathorpe ... ..	No	24	20	2	2	—	—	—	—	10
Guys Cliffe ... ..	No	No	service	—	—	—	—	—	—	
Haseley ... ..	No	2	2	64	77	—	—	—	—	
Hatton ... ..	1906/1	17	—	35	27	—	—	—	—	
Honiley ... ..	No	No	service	29	39	—	—	—	—	
Hunningham ... ..	No	28	24	25	24	—	—	—	—	
Lapworth ... ..	1963/4	60	32	159	213	1	2	4	1	
Leek Wootton ... ..	1958/9	—	—	13	14	—	—	—	9	
Norton Lindsey ... ..	No	16	10	114	118	—	—	—	—	
Offchurch ... ..	No	21	22	28	24	—	—	—	—	
Old Milverton ... ..	1965	No	service	2	4	—	—	—	—	
Radford Semele ... ..	1954/5	—	—	12	10	—	—	—	37	
Rowington ... ..	1963/4	10	5	92	85	—	1	3	—	
Sherbourne ... ..	1952	—	—	3	2	—	—	—	3	
Shrewley ... ..	1960/1	13	9	30	20	—	1	—	15	
Stoneleigh ... ..	1953	62	7	41	38	—	—	4	1	
Wappenbury ... ..	No	3	3	1	—	—	—	—	—	
Wasperton ... ..	Village drain pre-1900	—	—	15	21	—	—	—	—	
Weston-under-Wetherley ... ..	**	4	4	17	17	—	—	—	—	8
Whitnash ... ..	1957	—	—	22	22	—	—	—	71	
Wroxall ... ..	No	13	7	4	1	—	—	—	—	
Other Districts ... ..	—	—	54	7	—	—	—	—	2	
Total ... ..		327	195	955	929	4	4	14	385	29

**Notes:** (1) Units listed in column (3) and (4) could not necessarily be connected to existing public sewers.

(2) \*Denotes R.D.C. Housing Disposal Works only.

(3) \*\*All R.D.C. properties in Weston-under-Wetherley are privately sewered to the private Hospital S.D. Works.

(4) Column 5 for Stoneleigh does not include permanent buildings at the R.A.S.E. Showground connected to sewers.



TABLE II.

WARWICK RURAL DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1968  
AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.		Under 1 Year of age.		At all Ages.	
		Number.	Crude Rate.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1959	24,550	509	20.7	15	29.5	272	11.1
1960	25,580	414	16.2	7	16.9	289	11.3
1961	26.310	497	19.0	9	18.2	264	10.0
1962	27,540	510	18.5	7	13.7	321	11.3
1963	28,310	566	20.0	6	10.6	265	9.4
1964	28,880	502	17.5	12	23.8	296	10.3
1965	25,760	473	18.4	7	14.8	278	10.8
1966	25,010	429	16.3	7	16.3	301	12.0
1967	25,480	426	16.7	10	23.0	324	12.7
1968	26,290	467	17.8	5	11.0	316	12.0

VITAL STATISTICS IN ENGLAND AND WALES, 1968.

ENGLAND AND WALES.

*Birthrate, Deathrate, and Infantile Mortality during the Year 1968.*  
*(Provisional Figures).*

Annual Rate per 1,000 Population.

			Live Births.	Still Births per 1,000 Births.	Deaths under Deaths, one year to 1,000 Births	
England and Wales	...	...	16.9	14.0	11.9	18.0

TABLE III.

## WARWICK RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING  
THE YEAR 1968.

NOTIFIABLE DISEASE.	Number of Cases notified.								Total cases removed to Hospital.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Small-pox ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plague ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria (including Mem- branous Croup) ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erysipelas ... ..	2	.....	.....	.....	.....	.....	2	.....	.....
Scarlet Fever ... ..	6	.....	4	2	.....	.....	.....	.....	.....
Typhus Fever ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enteric Fever ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typhoid Fever ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pneumonia ... ..	5	.....	.....	.....	.....	.....	.....	5	.....
Malaria ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery ... ..	2	.....	2	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia ... ..	1	.....	.....	.....	1	.....	.....	.....	.....
Meningococcal Infection ... ..	1	.....	1	.....	.....	.....	.....	.....	.....
Acute Poliomyelitis (including Polioencephalitis) ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Whooping Cough ... ..	16	3	8	4	1	.....	.....	.....	.....
Infective Jaudice ... ..	1	.....	.....	.....	.....	1	.....	.....	.....
Ophthalmia Neonatorum ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Measles ... ..	141	.....	79	62	.....	.....	.....	.....	.....
Pulmonary Tuberculosis ... ..	3	.....	.....	.....	.....	1	2	.....	.....
Other forms of Tuberculosis ... ..	2	.....	.....	.....	.....	1	1	.....	.....
Food Poisoning ... ..	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals ... ..	180	3	94	68	2	3	5	5	—

TABLE IV.  
WARWICK RURAL DISTRICT.  
CAUSES OF DEATH DURING THE YEAR 1968.

LIST B (CAUSES OF DEATH)					MALES	FEMALES
5	Tuberculosis (Respiratory) ...	...	...	...	1	—
6	Tuberculosis (Other) ...	...	...	...	—	—
12	Acute Polimyelitis ...	...	...	...	—	—
14	Measles ...	...	...	...	—	—
17	Syphilis ...	...	...	...	—	—
18	Other Infective/parasitic disease ...	...	...	...	—	1
19 (1)	Cancer—Stomach ...	...	...	...	3	3
19 (2)	Cancer—Lung and Bronchus ...	...	...	...	12	3
19 (3)	Cancer—Breast ...	...	...	...	—	7
19 (4)	Cancer—Uterus ...	...	...	...	—	1
19 (5)	Leukaemia ...	...	...	...	2	1
19 (6)	Other malignant neoplasms ...	...	...	...	11	17
20	Benign Neoplasms, etc. ...	...	...	...	1	1
21	Diabetes Mellitis ...	...	...	...	—	2
B26	Chronic rheumatic heart disease ...	...	...	...	—	2
27	Hypertensive disease ...	...	...	...	4	6
28	Ischaemic heart disease ...	...	...	...	24	26
29	Other heart disease ...	...	...	...	5	9
30	Cerebro-vascular disease ...	...	...	...	16	26
31	Influenze ...	...	...	...	—	4
32	Pneumonia ...	...	...	...	15	37
33 (1)	Bronchitis/Emphysema ...	...	...	...	14	5
33 (2)	Asthma ...	...	...	...	—	2
34	Peptic Ulcer ...	...	...	...	2	2
37	Cirrhosis of liver ...	...	...	...	—	—
38	Nephritis/Nephrosis ...	...	...	...	3	3
39	Hyperplasia of Prostate ...	...	...	...	1	—
40	Abortion ...	...	...	...	—	—
41	Pregnancy/Childbirth ...	...	...	...	—	—
42	Congenital Abnormalities ...	...	...	...	1	2
43	Birth injury, etc. ...	...	...	...	1	—
44	Other perinatal mortality ...	...	...	...	—	1
45	Ill defined conditions or symptoms ...	...	...	...	—	1
46	All other diseases ...	...	...	...	8	14
BE47	Motor Vehicle accidents ...	...	...	...	5	3
BE48	All other accidents ...	...	...	...	2	4
BE49	Suicide, tc. ...	...	...	...	—	—
BE50	All other external causes ...	...	...	...	2	—
All Causes ...					133	183





